



2005 North Dakota Wheat Varieties

July 2005

Highlights

HAlsen is the leading spring wheat variety in North Dakota for the fourth consecutive year with 23.1 percent of 2005's planted acreage. It is planted on more than 1.5 million acres. Reeder and Briggs remain second and third. Granite jumps from eighth in 2004 to fourth. Knudson stays fifth and Parshall falls to sixth from fourth last year. These top six varieties account for 71.8 percent of the planted acreage. North Dakota continues to rank first in spring wheat planted acreage in the United States with 48.2 percent of the nation's total.

Lebsock, Mountrail and Ben keep their three durum planted acreage rankings in order, first to third. These top three varieties make up 70.2 percent of North Dakota's durum planted acreage. Pierce ranks fourth, a climb from eighth in 2004. The leading four durum varieties are all North Dakota releases. Monroe drops eight places from fourth last year to twelfth in 2005. Once again, North Dakota ranks first in durum planted acreage in the United States with 70.0 percent of the nation's total.

Jerry has 32.6 percent of the 2005 winter wheat acreage, leading for the second year. CDC Falcon jumps from ninth last year to second in 2005. Previously unranked, Jagalene debuts in third with 9.5 percent. Following Jagalene in order are Wesley, Ransom and Crimson. These top six varieties are 74.4 percent of the planted acreage. Jagalene (third) and Crimson (sixth) are only

separated by 4.8 percent. This year there are more acres in North Dakota planted with winter wheat than in any year since 1986.

Survey Description

SThe data in this report are based on results of a June survey of wheat producers conducted by the USDA, National Agricultural Statistics Service, North Dakota Field Office. Highly reliable state averages were produced from 1888 positive reports by 3,760 respondents. **Thank you to each person who supplied data and made this report possible.**

Results include acreage and percentages at the State and Agricultural Statistics District levels. All variety acreage numbers in this publication are survey averages. At the district level, the number of reports for minor varieties is generally limited. Henceforth, some yearly variation in the district variety acreage may be the result of sample variation.

The North Dakota Wheat Commission and the North Dakota State University (NDSU) Agriculture Experiment Station provided supporting funds for this survey. The NDSU Extension Service provided variety descriptions. Free copies of this publication are available from the North Dakota Wheat Commission, 4023 State Street, Bismarck, ND 58503-0690; telephone (701) 328-5111.

SPRING WHEAT

Alsen retains its first place ranking for spring wheat varieties with 23.1 percent of the planted acres. It still leads in the central and all three northern districts. A 2000 North Dakota release, Alsen has semi-dwarf height, strong straw strength, medium-early maturity rate and high test weight.

Reeder is second overall for the fourth consecutive year, and leads the southwest, south central and west central districts. It has 16.2 percent of the statewide planted acreage. This 1999 North Dakota release has semi-dwarf height, strong straw strength, medium-early maturity rate and high test weight.

Briggs is third in the state with 12.7 percent of the spring wheat acreage. It is a 2002 South Dakota release with semi-dwarf height, strong straw strength, medium-early maturity rate and leaf rust resistance.

Granite ranks fourth with 7.3 percent of the planted acreage. The 2002 WestBred semi-dwarf variety has very-strong straw strength, medium-late maturity and moderate resistance to leaf rust. Granite leads the east central district and is a close third in the northeast district.

Spring Wheat
Percent ^{1/} of Acreage Planted, North Dakota, 2001-2005

Variety	2001	2002	2003	2004	2005	
					Pct.	Acres Planted
	----- Percent -----					- 1,000 -
Alsen	6.7	30.8	37.4	28.9	23.1	1,572.0
Reeder	4.3	8.6	12.4	13.3	16.2	1,102.6
Briggs	0.0	0.0	1.5	7.6	12.7	864.9
Granite	0.0	0.0	0.6	3.4	7.3	494.8
Knudson	0.0	0.1	1.0	6.7	6.7	453.9
Parshall	6.7	7.9	9.4	7.1	5.8	394.3
Norpro	0.4	3.1	5.4	4.6	3.2	214.7
Oxen	8.2	7.6	5.9	4.4	2.6	173.7
Freyr	0.0	0.0	0.0	0.0	1.6	108.5
Hanna	0.0	0.0	0.3	0.9	1.6	107.5
Steele ND	0.0	0.0	0.0	0.0	1.4	98.5
Oklee	0.0	0.0	0.0	0.3	1.4	93.1
Dapps	0.0	0.0	0.0	0.0	1.2	83.4
Grandin	2.6	1.6	1.8	1.5	1.2	80.3
Gunner	16.1	9.1	3.0	1.7	1.1	72.9
2375	6.8	3.4	1.8	0.7	0.9	64.6
Russ	18.2	6.0	3.7	2.7	0.9	64.5
Amidon	3.9	1.8	0.9	1.0	0.8	54.7
Trooper	0.0	0.0	0.0	0.0	0.7	50.0
McKenzie	1.0	1.0	0.2	0.2	0.6	40.7
Butte 86	1.2	1.1	1.0	0.7	0.5	37.0
Walworth	0.0	0.5	2.0	1.7	0.5	33.6
Other ^{2/}	23.9	17.4	11.7	12.5	7.9	539.8
All Varieties	100.0	100.0	100.0	100.0	100.0	6,800.0

^{1/} Percentages may not add to 100 due to rounding. ^{2/} Other includes varieties not listed and unknown varieties.

~ Compiled and Published by ~

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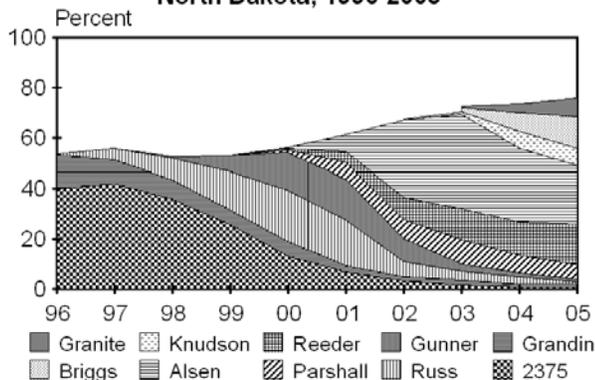
SPRING WHEAT (Continued)

**Spring Wheat
Percent ^{1/} and Acreage Planted, North Dakota, 2005**

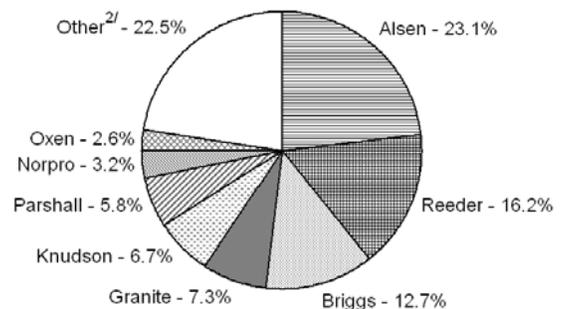
Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
----- Percent Planted -----										
Alsen	43.1	44.9	28.1	27.5	31.7	18.6	4.2	3.7	11.2	23.1
Reeder	11.5	5.4	1.9	29.3	3.8	3.3	57.1	31.2	6.5	16.2
Briggs	0.0	12.9	17.9	0.0	24.5	15.1	3.7	6.1	30.0	12.7
Granite	0.0	2.7	17.1	1.0	5.3	19.7	1.0	1.4	4.8	7.3
Knudson	6.3	8.9	5.7	5.2	12.0	8.4	0.1	10.0	5.8	6.7
Parshall	13.8	3.3	5.6	6.2	3.9	2.5	7.3	8.6	1.9	5.8
Norpro	3.0	0.9	0.8	1.1	3.0	4.6	5.0	5.8	5.9	3.2
Oxen	0.0	0.0	0.2	2.7	0.2	4.4	2.0	3.7	12.8	2.6
Freyr	1.4	2.0	1.4	1.6	2.4	2.6	1.1	0.4	1.7	1.6
Hanna	2.1	2.4	4.9	0.0	1.5	0.0	0.2	0.1	0.0	1.6
Steele ND	2.3	2.3	1.4	1.3	2.3	1.2	0.9	0.6	1.1	1.4
Oklee	0.0	0.0	4.1	0.0	0.8	3.5	0.0	0.0	0.6	1.4
Dapps	0.9	4.1	0.4	1.0	1.3	0.0	0.7	1.1	2.9	1.2
Grandin	1.2	0.3	0.7	3.2	0.0	1.0	2.4	2.1	0.0	1.2
Gunner	2.8	2.7	0.7	0.2	0.1	0.6	1.9	0.9	0.0	1.1
2375	0.0	0.2	0.8	0.2	0.8	0.9	0.8	4.6	0.1	0.9
Russ	0.7	2.1	0.0	0.0	0.5	0.0	0.1	3.2	3.3	0.9
Amidon	0.9	0.7	0.0	1.8	0.5	0.5	0.5	2.5	0.8	0.8
Trooper	0.0	0.2	1.7	0.0	0.1	2.4	0.5	0.0	0.2	0.7
McKenzie	3.3	0.2	0.0	1.7	0.0	0.0	1.0	0.1	0.2	0.6
Butte 86	0.4	0.4	0.0	1.2	0.8	0.0	1.7	0.6	0.2	0.5
Walworth	0.0	0.0	0.1	0.0	0.3	2.3	0.0	0.3	1.6	0.5
Other ^{2/}	6.4	3.5	6.5	14.8	4.0	8.3	7.8	13.0	8.5	7.9
----- 1,000 Acres -----										
Alsen	245.6	282.6	393.3	167.9	212.2	141.5	35.8	26.1	67.1	1,572.0
Reeder	65.3	34.2	27.3	179.0	25.8	25.2	485.5	221.6	38.8	1,102.6
Briggs	0.0	81.4	250.0	0.2	164.2	114.6	31.2	43.3	180.0	864.9
Granite	0.0	16.9	239.0	6.0	35.8	150.0	8.9	9.6	28.6	494.8
Knudson	36.0	56.1	79.5	31.6	80.6	63.7	0.5	70.8	35.1	453.9
Parshall	78.9	21.0	77.7	37.7	25.8	19.0	61.7	60.9	11.6	394.3
Norpro	17.1	5.4	11.0	6.8	20.4	35.1	42.4	41.1	35.5	214.7
Oxen	0.0	0.0	2.1	16.5	1.2	33.5	17.4	26.3	76.6	173.7
Freyr	7.9	12.8	19.9	9.6	16.3	19.7	9.5	2.7	10.1	108.5
Hanna	12.1	14.9	68.1	0.0	10.1	0.0	1.6	0.7	0.0	107.5
Steele ND	12.9	14.2	20.0	8.0	15.4	9.3	8.0	4.0	6.7	98.5
Oklee	0.0	0.0	57.7	0.0	5.5	26.4	0.0	0.0	3.5	93.1
Dapps	5.0	25.9	6.0	6.0	8.8	0.2	6.2	7.9	17.5	83.4
Grandin	6.6	1.9	9.7	19.2	0.0	7.3	20.4	15.1	0.0	80.3
Gunner	15.9	16.9	10.5	1.4	0.9	4.9	15.9	6.5	0.0	72.9
2375	0.0	1.5	10.6	1.1	5.3	6.6	6.4	32.6	0.4	64.6
Russ	4.2	13.2	0.0	0.0	3.5	0.0	0.8	22.8	19.9	64.5
Amidon	5.3	4.2	0.0	10.8	3.5	4.0	4.3	17.9	4.6	54.7
Trooper	0.0	1.0	24.4	0.0	0.4	18.1	4.6	0.0	1.5	50.0
McKenzie	18.6	1.2	0.0	10.5	0.0	0.0	8.9	0.5	1.0	40.7
Butte 86	2.1	2.4	0.0	7.2	5.3	0.0	14.1	4.6	1.2	37.0
Walworth	0.0	0.0	1.6	0.0	2.2	17.7	0.0	2.5	9.6	33.6
Other ^{2/}	36.4	22.1	91.4	90.5	26.7	63.3	65.9	92.6	50.9	539.8
All Varieties	570.0	630.0	1,400.0	610.0	670.0	760.0	850.0	710.0	600.0	6,800.0

1/ Percentages may not add to 100 due to rounding. 2/ Other includes varieties not listed and unknown varieties.

**Spring Wheat
Select Varieties Planted
North Dakota, 1996-2005**



**Spring Wheat Varieties
Percent^{1/} of Total Planted
North Dakota, 2005**



1/ Percentages may not add to 100 due to rounding. 2/ Other includes other varieties not listed and unknown varieties.

DURUM WHEAT

Lebsock ranks first among durum wheat varieties planted in North Dakota for 2005. With 28.3 percent of planted acreage, it claims the largest share since 2000 when Ben had 29.0 percent. A 1999 release, Lebsock is characterized by medium height, strong straw strength, medium maturity and good overall quality.

Mountrail is now second overall with 25.5 percent of the durum acreage. It leads the northwest district for the fourth straight year. This late maturing 1998 release is of medium height with strong straw strength and average overall quality.

Ben is third in the state with 16.4 percent of the durum acreage; its popularity leads the east central and southwest districts. It is a 1996 release with medium height, strong straw strength, medium maturity and excellent overall quality.

Pierce places fourth, earning its highest ranking with 6.4 percent of this year's planted acreage. This 2001 variety is described as medium in height with medium-strong straw strength and medium maturity.

**Durum Wheat
Percent ^{1/} of Acreage Planted, North Dakota, 2001-2005**

Variety	2001	2002	2003	2004	2005	
					Pct.	Acres Planted
	----- Percent -----				- 1,000 -	
Lebsock	3.2	15.8	22.9	27.9	28.3	509.1
Mountrail	7.9	14.0	21.8	21.3	25.5	459.7
Ben	27.5	26.0	23.8	20.2	16.4	295.0
Pierce	0.0	0.0	1.5	2.9	6.4	114.7
Kyle	6.2	7.8	5.3	4.1	4.0	72.0
Renville	20.6	7.6	5.0	3.7	3.0	53.1
Maier	3.0	3.2	3.1	3.7	2.6	46.1
Dilse	0.0	0.0	0.6	2.0	2.5	45.0
Plaza	0.0	1.6	2.0	1.1	2.0	36.0
Munich	8.0	4.2	2.7	1.4	1.9	34.3
Vic	2.2	2.5	0.9	1.5	1.2	22.3
Monroe	7.3	7.8	4.3	4.2	1.1	20.7
Ward	0.4	0.3	0.3	0.8	1.0	17.1
Grande Doro	0.0	0.0	0.0	0.0	0.6	11.3
AC Avonlea	0.0	1.9	0.3	0.2	0.4	7.3
Other ^{2/}	13.7	7.3	5.5	5.2	3.1	56.2
All Varieties	100.0	100.0	100.0	100.0	100.0	1,800.0

^{1/} Percentages may not add to 100 due to rounding. ^{2/} Other includes varieties not listed and unknown varieties.

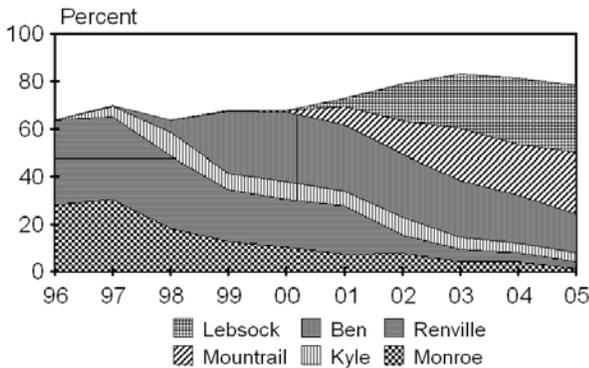
**Durum Wheat
Percent ^{1/} and Acreage Planted, North Dakota, 2005**

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	----- Percent Planted -----									
Lebsock	23.6	60.1	66.1	27.1	66.2	31.8	22.1	30.4	86.0	28.3
Mountrail	42.8	0.0	0.0	10.0	7.8	0.0	0.0	0.0	0.0	25.5
Ben	6.5	7.8	1.6	15.2	9.7	68.2	58.8	0.0	0.0	16.4
Pierce	5.4	21.2	2.3	9.0	13.6	0.0	3.0	0.0	11.9	6.4
Kyle	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
Renville	2.5	0.0	0.0	5.1	2.8	0.0	1.4	43.2	0.0	3.0
Maier	2.1	2.4	0.0	3.1	0.0	0.0	4.5	0.0	0.0	2.6
Dilse	1.4	0.0	0.0	6.8	0.0	0.0	3.6	0.0	0.0	2.5
Plaza	0.1	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	2.0
Munich	2.8	0.0	8.2	0.6	0.0	0.0	0.0	0.0	0.0	1.9
Vic	1.4	0.0	0.0	1.1	0.0	0.0	1.8	0.0	0.0	1.2
Monroe	1.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.1	1.1
Ward	0.4	2.5	0.0	1.0	0.0	0.0	2.7	0.0	0.0	1.0
Grande Doro	0.1	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6
AC Avonlea	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.4
Other ^{2/}	1.4	6.0	5.1	7.7	0.0	0.0	2.1	26.4	0.0	3.1
	----- 1,000 Acres -----									
Lebsock	235.7	54.1	39.7	80.0	16.5	0.6	65.3	6.1	11.2	509.1
Mountrail	428.2	0.0	0.0	29.5	1.9	0.0	0.0	0.0	0.0	459.7
Ben	65.0	7.1	1.0	44.8	2.4	1.4	173.4	0.0	0.0	295.0
Pierce	53.9	19.1	1.4	26.7	3.4	0.0	8.8	0.0	1.5	114.7
Kyle	72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0
Renville	24.8	0.0	0.0	15.0	0.7	0.0	4.0	8.6	0.0	53.1
Maier	21.5	2.2	0.0	9.2	0.0	0.0	13.3	0.0	0.0	46.1
Dilse	14.4	0.0	0.0	19.9	0.0	0.0	10.8	0.0	0.0	45.0
Plaza	1.2	0.0	0.0	34.8	0.0	0.0	0.0	0.0	0.0	36.0
Munich	27.6	0.0	4.9	1.9	0.0	0.0	0.0	0.0	0.0	34.3
Vic	13.8	0.0	0.0	3.3	0.0	0.0	5.3	0.0	0.0	22.3
Monroe	17.9	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.3	20.7
Ward	3.8	2.2	0.0	3.0	0.0	0.0	8.1	0.0	0.0	17.1
Grande Doro	1.2	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3
AC Avonlea	5.5	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	7.3
Other ^{2/}	13.7	5.4	3.0	22.7	0.0	0.0	6.1	5.3	0.0	56.2
All Varieties	1,000.0	90.0	60.0	295.0	25.0	2.0	295.0	20.0	13.0	1,800.0

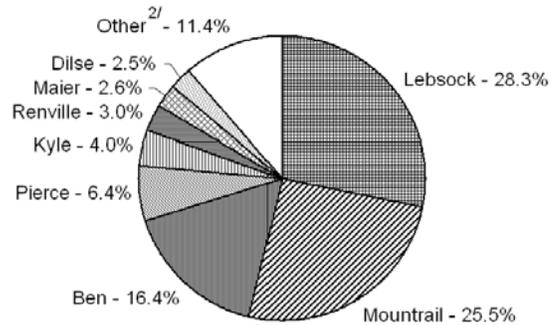
^{1/} Percentages may not add to 100 due to rounding. ^{2/} Other includes varieties not listed and unknown varieties.

DURUM WHEAT (Continued)

**Durum Wheat
Select Varieties Planted
North Dakota, 1996-2005**



**Durum Wheat Varieties
Percent^{1/} of Total Planted
North Dakota, 2005**



1/ Percentages may not add to 100 due to rounding. 2/ Other includes other varieties not listed and unknown varieties.

WINTER WHEAT

Jerry is the most popular winter wheat variety planted in North Dakota for 2005. It was seeded on 32.6 percent of the planted acreage. Released in 2001 by North Dakota, Jerry has medium height, strong straw strength, medium maturity and good winter hardiness.

CDC Falcon places second with 15.0 percent of planted acreage. This short variety with medium-strong straw strength and medium maturity has good winter hardiness. The University of Saskatchewan and Western Plant Breeders combined to release CDC Falcon in 2002.

Jagalene ranked third in 2005. It is short and characterized by strong straw strength, early maturity and fair winter hardiness. Jagalene was released by AgriPro in 2002.

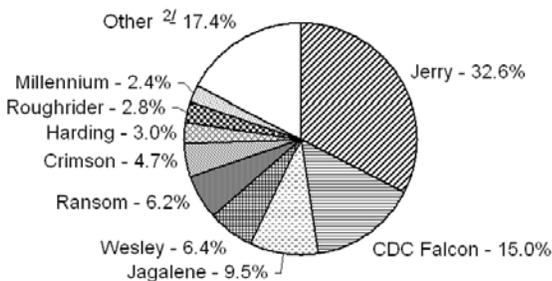
Wesley comes in fourth with 6.4 percent of the winter wheat acreage. The 2000 release is a product of a cooperative effort among Nebraska, Wyoming and South Dakota. Wesley is described as short with medium-strong straw strength, medium-early maturity and fair winter hardiness.

**Winter Wheat
Percent^{1/} of Acreage Planted,
North Dakota, 2000-2001, 2003-2005^{2/}**

Variety	2000	2001	2003	2004	2005	
					Pct	Acres Planted
Jerry	0.0	0.0	9.5	28.3	32.6	84.7
CDC Falcon	0.0	0.0	0.0	2.1	15.0	39.0
Jagalene	0.0	0.0	0.0	0.0	9.5	24.7
Wesley	0.0	0.0	9.1	9.0	6.4	16.7
Ransom	4.3	8.5	16.2	7.3	6.2	16.1
Crimson	0.0	4.1	0.0	7.2	4.7	12.1
Harding	0.0	0.0	5.4	3.5	3.0	7.8
Roughrider	32.6	16.7	10.6	6.2	2.8	7.4
Millennium	0.0	0.0	0.0	0.0	2.4	6.4
Rose	0.0	0.0	0.0	0.1	1.8	4.6
Seward	2.8	9.1	8.2	1.4	1.7	4.3
Arapahoe	12.3	31.1	8.5	4.0	1.3	3.3
Elkhorn	25.7	12.3	12.6	6.8	1.1	2.8
Other ^{3/}	22.3	18.2	19.9	24.3	11.6	30.1
All Varieties	100.0	100.0	100.0	100.0	100.0	260.0

1/ Percentages may not add to 100 due to rounding. 2/ 2002 estimates not published due to insufficient number of reports. 3/ Other includes varieties not listed and unknown varieties.

**Winter Wheat Varieties
Percent^{1/} of Total Planted
North Dakota, 2005**



1/ Percentages may not add to 100 due to rounding. 2/ Other includes other varieties not listed and unknown varieties.

**North Dakota
Agricultural Statistics Districts**

